



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: LAMBDA ENERGY RESOURCES, LLC
Name:
ClientProj: 2018100109.01
GTA ProjNo: 121120-4

Site Addr: ST. SPRINGDALE 25 CPF
Sampled By: MARK STOVER/GCES
Date Rec: 12/11/2020
Time Rec: 2:00 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-10	12/11/2020		WATER
2	MW-14R (15')	12/11/2020		WATER
3	MW-17	12/11/2020		WATER
4	MW-11	12/11/2020		WATER

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

Kirk Chase

Kirk L. Chase/Chemist
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100109.01
LOCATION: ST. SPRINGDALE 25 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10

GTA PROJECT NO: 121120-4
GTA SAMPLE NO: 1
DATE SAMPLED: 12/11/2020
TIME SAMPLED:
DATE RECEIVED: 12/11/2020
TIME RECEIVED: 2:00 PM

SAMPLED BY: MARK STOVER/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/14/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION



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PROJECT NO: 2018100109.01
LOCATION: ST. SPRINGDALE 25 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14R (15')

GTA PROJECT NO: 121120-4
GTA SAMPLE NO: 2
DATE SAMPLED: 12/11/2020
TIME SAMPLED:
DATE RECEIVED: 12/11/2020
TIME RECEIVED: 2:00 PM
SAMPLED BY: MARK STOVER/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/14/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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 PROJECT NO: 2018100109.01
 LOCATION: ST. SPRINGDALE 25 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-17

GTA PROJECT NO: 121120-4
 GTA SAMPLE NO: 3
 DATE SAMPLED: 12/11/2020
 TIME SAMPLED:
 DATE RECEIVED: 12/11/2020
 TIME RECEIVED: 2:00 PM

SAMPLED BY: MARK STOVER/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/14/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	35	1.0					
Xylene(Total)	66	3.0					
1,2,4-Trimethylbenzene	11	1.0					
1,3,5-Trimethylbenzene	4.5	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100109.01
 LOCATION: ST. SPRINGDALE 25 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-11

GTA PROJECT NO: 121120-4
 GTA SAMPLE NO: 4
 DATE SAMPLED: 12/11/2020
 TIME SAMPLED:
 DATE RECEIVED: 12/11/2020
 TIME RECEIVED: 2:00 PM

SAMPLED BY: MARK STOVER/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/14/2020	EPA 5030B
Toluene	4.5	1.0					
Ethylbenzene	49	1.0					
Xylene(Total)	380	3.0					
1,2,4-Trimethylbenzene	180	1.0					
1,3,5-Trimethylbenzene	59	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	7.0	5.0					

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PROJECT NO: 2018100109.01
LOCATION: ST. SPRINGDALE 25 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 121120-4
GTA SAMPLE NO: 1
DATE SAMPLED: 12/11/2020
TIME SAMPLED:
DATE RECEIVED: 12/11/2020
TIME RECEIVED: 2:00 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-10						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	12/14/2020	WATER
	CONDUCTIVITY SM2510-B	120	1.0	uS/cm@25C	LV	12/14/2020	WATER

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LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED



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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100109.01
LOCATION: ST. SPRINGDALE 25 CPF

GTA PROJECT NO: 121120-4
GTA SAMPLE NO: 2
DATE SAMPLED: 12/11/2020
TIME SAMPLED:
DATE RECEIVED: 12/11/2020
TIME RECEIVED: 2:00 PM

MI
SAMPLED BY: MARK STOVER/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
	SAMPLE ID: MW-14R (15') CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	12/14/2020	WATER

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LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C



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PROJECT NO: 2018100109.01
LOCATION: ST. SPRINGDALE 25 CPF

GTA PROJECT NO: 121120-4
GTA SAMPLE NO: 3
DATE SAMPLED: 12/11/2020
TIME SAMPLED:
DATE RECEIVED: 12/11/2020
TIME RECEIVED: 2:00 PM

MI
SAMPLED BY: MARK STOVER/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
SAMPLE ID: MW-17							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	12/14/2020	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C



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GTA PROJECT NO: 121120-4
GTA SAMPLE NO: 4
DATE SAMPLED: 12/11/2020
TIME SAMPLED:
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MI
SAMPLED BY: MARK STOVER/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
SAMPLE ID: MW-11							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	12/14/2020	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER <i>2018100109.01</i>	SITE NAME/ADDRESS <i>ST. SPRINGDALE 25 CPF</i>	COMPANY/NAME <i>LAMBDA ENERGY</i>
SAMPLED BY <i>MARK STOVER</i>	COMPANY <i>G.C.E.S.</i>	GTA PROJECT # <i>12/120-4</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	<i>MW-10</i>	<i>12-11-20</i>		<i>GW</i>	<i>BTEX, CHLORIDE, COND. ^{SPEC.}</i>
	<i>MW-14R(15)</i>	<i>12-11-20</i>		<i>GW</i>	<i>BTEX, CHLORIDE</i>
	<i>MW-17</i>	↓		↓	<i>BTEX+4, CHLORIDE</i>
	<i>MW-11</i>	↓		↓	↓ ↓

BILL TO: <i>LAMBDA ENERGY</i>	REPORT TO: <i>ERIC VINCKE</i>
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RELEASED BY <i>[Signature]</i>	DATE/TIME <i>12-11-20</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>12/11/20 2p</i>
		<i>Fee 78 on file</i>	

REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS